NO: 188, a LCDR1 comprising the sequence of SEQ ID NO: 189, a LCDR2 comprising the sequence of SEQ ID NO: 190, and a LCDR3 comprising the sequence of SEQ ID NO: 191;

r. HCDR1 comprising the sequence of SEQ ID NO: 196, a HCDR2 comprising the sequence of SEQ ID NO: 197, a HCDR3 comprising the sequence of SEQ ID NO: 198, a LCDR1 comprising the sequence of SEQ ID NO: 199, a LCDR2 comprising the sequence of SEQ ID NO: 200, and a LCDR3 comprising the sequence of SEQ ID NO: 201;

s. HCDR1 comprising the sequence of SEQ ID NO: 206, a HCDR2 comprising the sequence of SEQ ID NO: 207, a HCDR3 comprising the sequence of SEQ ID NO: 208, a LCDR1 comprising the sequence of SEQ ID NO: 209, a LCDR2 comprising the sequence of SEQ ID NO: 210, and a LCDR3 comprising the sequence of SEQ ID NO: 211;

t. HCDR1 comprising the sequence of SEQ ID NO: 216, a HCDR2 comprising the sequence of SEQ ID NO: 217, a HCDR3 comprising the sequence of SEQ ID NO: 218, a LCDR1 comprising the sequence of SEQ ID NO: 219, a LCDR2 comprising the sequence of SEQ ID NO: 220, and a LCDR3 comprising the sequence of SEQ ID NO: 221;

u. HCDR1 comprising the sequence of SEQ ID NO: 226, a HCDR2 comprising the sequence of SEQ ID NO: 227, a HCDR3 comprising the sequence of SEQ ID NO: 228, a LCDR1 comprising the sequence of SEQ ID NO: 229, a LCDR2 comprising the sequence of SEQ ID NO: 230, and a LCDR3 comprising the sequence of SEQ ID NO: 231;

v. HCDR1 comprising the sequence of SEQ ID NO: 236, a HCDR2 comprising the sequence of SEQ ID NO: 237, a HCDR3 comprising the sequence of SEQ ID NO: 238, a LCDR1 comprising the sequence of SEQ ID NO: 239, a LCDR2 comprising the sequence of SEQ ID NO: 240, and a LCDR3 comprising the sequence of SEQ ID NO: 241;

w. HCDR1 comprising the sequence of SEQ ID NO: 246, a HCDR2 comprising the sequence of SEQ ID NO: 247, a HCDR3 comprising the sequence of SEQ ID NO: 248, a LCDR1 comprising the sequence of SEQ ID NO: 249, a LCDR2 comprising the sequence of SEQ ID NO: 250, and a LCDR3 comprising the sequence of SEQ ID NO: 251;

x. HCDR1 comprising the sequence of SEQ ID NO: 256, a HCDR2 comprising the sequence of SEQ ID NO: 257, a HCDR3 comprising the sequence of SEQ ID NO: 258, a LCDR1 comprising the sequence of SEQ ID NO: 259, a LCDR2 comprising the sequence of SEQ ID NO: 260, and a LCDR3 comprising the sequence of SEQ ID NO: 261;

y. HCDR1 comprising the sequence of SEQ ID NO: 266, a HCDR2 comprising the sequence of SEQ ID NO: 267, a HCDR3 comprising the sequence of SEQ ID NO: 268, a LCDR1 comprising the sequence of SEQ ID NO: 269, a LCDR2 comprising the sequence of SEQ ID NO: 270, and a LCDR3 comprising the sequence of SEQ ID NO: 271;

z. HCDR1 comprising the sequence of SEQ ID NO: 276, a HCDR2 comprising the sequence of SEQ ID NO: 277, a HCDR3 comprising the sequence of SEQ ID NO: 278, a LCDR1 comprising the sequence of SEQ

ID NO: 279, a LCDR2 comprising the sequence of SEQ ID NO: 280, a LCDR3 comprising the sequence of SEQ ID NO: 281;

aa. HCDR1 comprising the sequence of SEQ ID NO: 286, a HCDR2 comprising the sequence of SEQ ID NO: 287, a HCDR3 comprising the sequence of SEQ ID NO: 288, a LCDR1 comprising the sequence of SEQ ID NO: 289, a LCDR2 comprising the sequence of SEQ ID NO: 290, a LCDR3 comprising the sequence of SEQ ID NO: 291;

bb. HCDR1 comprising the sequence of SEQ ID NO: 296, a HCDR2 comprising the sequence of SEQ ID NO: 297, a HCDR3 comprising the sequence of SEQ ID NO: 298, a LCDR1 comprising the sequence of SEQ ID NO: 299, a LCDR2 comprising the sequence of SEQ ID NO: 300, a LCDR3 comprising the sequence of SEQ ID NO: 301;

cc. HCDR1 comprising the sequence of SEQ ID NO: 306, a HCDR2 comprising the sequence of SEQ ID NO: 307, a HCDR3 comprising the sequence of SEQ ID NO: 308, a LCDR1 comprising the sequence of SEQ ID NO: 309, a LCDR2 comprising the sequence of SEQ ID NO: 310, a LCDR3 comprising the sequence of SEQ ID NO: 311;

dd. HCDR1 comprising the sequence of SEQ ID NO: 316, a HCDR2 comprising the sequence of SEQ ID NO: 317, a HCDR3 comprising the sequence of SEQ ID NO: 318, a LCDR1 comprising the sequence of SEQ ID NO: 319, a LCDR2 comprising the sequence of SEQ ID NO: 320, a LCDR3 comprising the sequence of SEQ ID NO: 321;

ee. HCDR1 comprising the sequence of SEQ ID NO: 326, a HCDR2 comprising the sequence of SEQ ID NO: 327, a HCDR3 comprising the sequence of SEQ ID NO: 328, a LCDR1 comprising the sequence of SEQ ID NO: 329, a LCDR2 comprising the sequence of SEQ ID NO: 330, a LCDR3 comprising the sequence of SEQ ID NO: 331;

ff. HCDR1 comprising the sequence of SEQ ID NO: 336, a HCDR2 comprising the sequence of SEQ ID NO: 337, a HCDR3 comprising the sequence of SEQ ID NO: 338, a LCDR1 comprising the sequence of SEQ ID NO: 339, a LCDR2 comprising the sequence of SEQ ID NO: 340, a LCDR3 comprising the sequence of SEQ ID NO: 341;

gg. HCDR1 comprising the sequence of SEQ ID NO: 346, a HCDR2 comprising the sequence of SEQ ID NO: 347, a HCDR3 comprising the sequence of SEQ ID NO: 348, a LCDR1 comprising the sequence of SEQ ID NO: 349, a LCDR2 comprising the sequence of SEQ ID NO: 350, a LCDR3 comprising the sequence of SEQ ID NO: 351;

hh. HCDR1 comprising the sequence of SEQ ID NO: 356, a HCDR2 comprising the sequence of SEQ ID NO: 357, a HCDR3 comprising the sequence of SEQ ID NO: 358, a LCDR1 comprising the sequence of SEQ ID NO: 359, a LCDR2 comprising the sequence of SEQ ID NO: 360, a LCDR3 comprising the sequence of SEQ ID NO: 361;

ii. HCDR1 comprising the sequence of SEQ ID NO: 366, a HCDR2 comprising the sequence of SEQ ID NO: 367, a HCDR3 comprising the sequence of SEQ ID NO: 368, a LCDR1 comprising the sequence of SEQ